FORM PTO-1390
(REV 10-2003)   U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371	ATTORNEY'S DOCKET NUMBER 21.1017US U.S. APPLICATION NO. (if known, see 37 CFR 1.5 **10/500256**

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/EP02/14829	20 DEC 02 (20.12.02)	02 JAN 02 (02.01.02)

TITLE OF INVENTION
SYSTEM FOR MONITORING SALINITY IN A WATER WELL

APPLICANT(S) FOR DO/EO/US
DELHOMME, Jean-Pierre; JENNEVIN, Christian; SOUHAITE, Philippe; VEIGNAT, Eric

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.

2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.

3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.

4. ☐ The US has been elected (Article 31).

5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
     a. ☒ is attached hereto (required only if not communicated by the International Bureau).
     b. ☒ has been communicated by the International Bureau.
     c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
     a. ☐ is attached hereto.
     b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
     a. ☐ are attached hereto (required only if not communicated by the International Bureau).
     b. ☐ have been communicated by the International Bureau.
     c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
     d. ☐ have not been made and will not be made.

8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).

9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. ☐ A preliminary amendment.

14. ☐ An Application Data Sheet under 37 CFR 1.76.

15. ☐ A substitute specification.

16. ☐ A power of attorney and/or change of address letter.

17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).

19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. ☒ Other items or information: PCT/IB/308
     PCT/ISA/220 INTL SEARCH REPORT TRANSMITTAL
     PCT/ISA/210 INTL SEARCH REPORT
     PCT/IPEA/416 INTL PRELIMINARY EXAMINATION REPORT TRANSMITTAL
     PCT/IPEA/409 INTL PRELIMINARY EXAMINATION REPORT

U.S. APPLICATION NO/UPT: 10/5-00256
INTERNATIONAL APPLICATION NO PCT/EP02/14829

ATTORNEY'S DOCKET NUMBER: 21.1017US

| CALCULATIONS | PTO USE ONLY |

21 ☒ The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO $1090.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO $920.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO $770.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) $730.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) $100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =	$ 920	
Surcharge of $130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(c)).	$ 130	

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	$		
Total claims	- 20 =		x $18.00	$ 378		
Independent claims	- 3 =		x $86.00	$		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ $290.00	$ 290		
	TOTAL OF ABOVE CALCULATIONS =			$1718		
☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				$		
		SUBTOTAL =		$ 1718		
Processing fee of $130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				$		
		TOTAL NATIONAL FEE =		$1718		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property +				$		
		TOTAL FEES ENCLOSED =		$1718		
				Amount to be refunded:	$	
				charged:	$ 1718	

a. ☐ A check in the amount of $ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 502183 in the amount of $ 1718 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 502183. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
IP Law & Contracts
Schlumberger - SPC
200 Gillingham Lane
Sugar Land, TX 77478

SIGNATURE _Victor Segura_

NAME: Victor Segura

REGISTRATION NUMBER: 44,329

FORM PTO-1390 (GSTV 10-2003) page 2 of 2

TOTAL P.02